

**NR0B1 / DAX1 Antibody (Ligand-binding Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10830****Specification**

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**NR0B1 / DAX1 Antibody (Ligand-binding Domain) - Product Information**

Application	IHC
Primary Accession	<a href="#">P51843</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

**NR0B1 / DAX1 Antibody (Ligand-binding Domain) - Additional Information****Gene ID** 190**Other Names**

Nuclear receptor subfamily 0 group B member 1, DSS-AHC critical region on the X chromosome protein 1, Nuclear receptor DAX-1, NR0B1, AHC, DAX1

**Target/Specificity**

Human DAX1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

NR0B1 / DAX1 Antibody (Ligand-binding Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**NR0B1 / DAX1 Antibody (Ligand-binding Domain) - Protein Information****Name** NR0B1**Synonyms** AHC, DAX1**Function**

Orphan nuclear receptor. Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis. Acts as a coregulatory protein that inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions. May also have a role in the development of the embryo and in the maintenance of embryonic stem cell pluripotency (By similarity).

**Cellular Location**

Nucleus. Cytoplasm. Note=Shuttles between the cytoplasm and nucleus. Homodimers exits in the cytoplasm and in the nucleus

## Volume

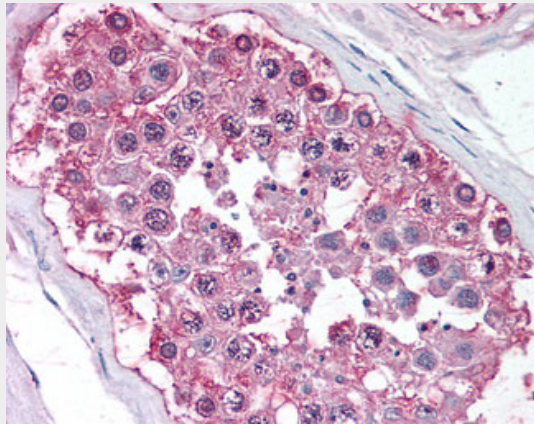
50  $\mu$ l

## NR0B1 / DAX1 Antibody (Ligand-binding Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## NR0B1 / DAX1 Antibody (Ligand-binding Domain) - Images



Anti-DAX1 antibody ALS10830 IHC of human testis.

## NR0B1 / DAX1 Antibody (Ligand-binding Domain) - Background

Orphan nuclear receptor. Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis. Acts as a coregulatory protein that inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions. May also have a role in the development of the embryo and in the maintenance of embryonic stem cell pluripotency (By similarity).

## NR0B1 / DAX1 Antibody (Ligand-binding Domain) - References

- Zanaria E., et al. *Nature* 372:635-641(1994).  
Guo W., et al. *J. Clin. Endocrinol. Metab.* 81:2481-2486(1996).  
Altincicek B., et al. *J. Biol. Chem.* 275:7662-7667(2000).  
Suzuki T., et al. *Mol. Cell. Biol.* 23:238-249(2003).  
Ho J., et al. *Mol. Genet. Metab.* 83:330-336(2004).